

Appl. No. 09/887,172
 Amdt. Dated April 27, 2006
 Reply to Office Action of October 27, 2005

Docket No. CE08961R

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-11 (Cancelled)

12. (currently amended) A method of setting up a dispatch call to a target mobile communication device over a code division multiple access (CDMA) air interface, comprising:
 receiving a page notification from a fixed equipment network at the target mobile communication device, the page notification including a dispatch notification;
 transmitting a page response from the target mobile communication device to the fixed equipment network, the page response including a pilot power measurement; and
 if the pilot power measurement indicates a power level above a preselected threshold, transmitting a talk permission message to an originating CDMA mobile communication device from the fixed equipment network[.];
wherein the talk permission message is transmitted to the originating CDMA mobile communication device before a traffic channel between the originating CDMA mobile communication device and the fixed equipment network is set up.

13. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 12, further comprising:
 prior to receiving the page notification at the target mobile communication device:
 scanning the pilot signal of at least one serving cell in the vicinity of the target mobile communication device;
 determining a strongest pilot signal and a serving cell corresponding to the strongest pilot signal; and
 scanning a paging channel of the serving cell corresponding to the strongest pilot signal.

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14. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 12, wherein the method is performed concurrently with fixed equipment network setting up a call path between an originating device and the fixed equipment network.

15. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 14, wherein the setting up the call path between an originating device and the fixed equipment network comprises setting up the call path between an originating mobile communication device and the fixed equipment network.

16. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 14, wherein the setting up the call path between an originating device and the fixed equipment network comprises setting up the call path between an originating CDMA mobile communication device and the fixed equipment network.

17. (Original) A method of setting up a dispatch call to a target mobile communication device as defined in claim 14, wherein the setting up the call path between an originating device and the fixed equipment network comprises setting up the call path between a computer and the fixed equipment network.

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18. (currently amended) A method of setting up a dispatch call between an originating code division multiple access (CDMA) mobile communication device and a target CDMA mobile communication device, comprising:

transmitting a dispatch call origination message from the originating CDMA mobile communication device to a fixed equipment network over a CDMA channel, the dispatch call origination message containing a target identifier corresponding to the target CDMA mobile communication device;

in response to the transmitting, initiating the set up of a traffic channel between the originating CDMA mobile communication device and the fixed equipment network;

paging the target CDMA mobile communication device from the fixed equipment network;

receiving a page response from the target CDMA mobile communication device at the fixed equipment network, the page response including a pilot power measurement made by the target CDMA mobile communication device; and

in response to transmitting the page response, transmitting a talk permission message to the originating CDMA mobile communication device from the fixed equipment network if the pilot power measurement is above a preselected threshold[.];

wherein the talk permission message is transmitted to the originating CDMA mobile communication device before the traffic channel between the originating CDMA mobile communication device and the fixed equipment network is set up.

19. (Cancelled)

20. (currently amended) A method of setting up a dispatch call as defined by claim [[19]] 18, ~~wherein the talk permission message is transmitted to the originating CDMA mobile communication device before the traffic channel between the originating CDMA mobile communication device and the fixed equipment network is set up~~, the method further comprising:

alerting a user of the originating CDMA mobile communication device to begin speaking to provide speech; and

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buffering the speech in the originating CDMA mobile communication device until the traffic channel between the originating CDMA mobile communication device and the fixed equipment network is established; and

transmitting the buffered speech to the target CDMA mobile communication device over the fixed equipment network.

21. (previously presented) A method of setting up a dispatch call to a target mobile communication device as defined in claim 12, further comprising setting up a traffic channel between the target mobile communication device and the fixed equipment network according to a retransmission protocol to allow retransmission of data packets over the traffic channel.

22. (previously presented) A method of setting up a dispatch call as defined in claim 18, wherein initiating the set up of the traffic channel between the originating CDMA mobile communication device and the fixed equipment network comprises setting up a communication link according to a retransmission protocol to allow retransmission of data packets over the traffic channel.

23. (previously presented) A method of setting up a dispatch call as defined in claim 18, further comprising, in response to receiving the page response from the target CDMA mobile communication device, setting up a call path between the target CDMA mobile communication device and the fixed equipment network.

24. (previously presented) A method of setting up a dispatch call as defined in claim 23, wherein setting up the call path between the target CDMA mobile communication device and the fixed equipment network comprise:

routing the dispatch call origination message from a base site to a dispatch agent component of the fixed equipment network;

determining a network location of the target CDMA mobile communication device at the dispatch agent;

paging the target CDMA mobile communication device at the network location with an incoming dispatch call message; and

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responding to the incoming dispatch call message, performed by the target CDMA mobile communication device.

25. (previously presented) A method of setting up a dispatch call as defined in claim 24, wherein the step of routing the dispatch call origination message from a base site to a dispatch agent component comprises the steps of routing the dispatch call origination message from a base site to one of a first dispatch agent and a second dispatch agent.

26. (previously presented) A method of setting up a dispatch call as defined in claim 25 wherein the first dispatch agent is located within a mobile switching center.

27. (previously presented) A method of setting up a dispatch call as defined in claim 25 wherein the second dispatch agent is not located within a mobile switching center.